

218886US-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

:

Masaki MISAWA

: GROUP ART UNIT: 2882

SERIAL NO.: 10/058,416

:

FILED: January 30, 2002

: EXAMINER: CHURCH, CRAIG E.

FOR: SEMICONDUCTOR
DETECTOR FOR USE IN HIGH-SPEED
X-RAY CT, AND MANUFACTURING
METHOD THEREFOR

RECEIVED
MAR - 3 2003
TECHNOLOGY CENTER 2800

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated September 23, 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Please cancel Claims 1-6.

Please add Claims 7-12 as shown below.

7. (New) A semiconductor detector for use in a high-speed X-ray CT, said detector comprising:

a plurality of detector modules each comprising a plurality of X-ray detection pixels arranged unidirectionally on a single planar semiconductor substrate, said plurality of detector